

Table 1S. Relative values of $P_{\max}$, F_v/F_m , MDA content, soluble protein content and soluble sugar content of six rubber tree cultivars (A: Lan 873, B: Yunyan 77-2, C: Yunyan 77-4, D: GT1, E: Reken 523, and F: Reyan 733-97) after night-chilling treatment at 0, 5, or 10°C and subsequent recovery in full irradiance and 50% of full irradiance. *Different letters* indicate significant differences among cultivars after night chilling treatment (*small letters*) and subsequent recovery (*capital letters*) respectively at $P<0.05$.

	Full irradiance				50% of full irradiance							
	10°C	Recovery	5°C	Recovery	0°C	Recovery	10°C	Recovery	5°C	Recovery	0°C	Recovery
Relative value of $P_{\max}$ [%]												
A	32.16 ^a	57.63 ^A	15.09 ^{ab}	26.12 ^A	3.58 ^a	6.54 ^A	($P<0.001$)	43.38 ^a	84.75 ^A	23.78 ^{ab}	38.83 ^A	7.30 ^a
B	21.95 ^a	64.61 ^A	11.40 ^{ab}	23.48 ^A	3.75 ^a	6.57 ^A	($P<0.001$)	33.58 ^a	81.53 ^{AB}	17.66 ^{ab}	37.80 ^A	5.15 ^{ab}
C	32.80 ^a	58.69 ^A	19.44 ^a	31.49 ^A	4.02 ^a	10.11 ^A	($P<0.001$)	41.70 ^a	73.96 ^{AB}	24.12 ^a	40.94 ^A	8.14 ^a
D	27.11 ^a	45.71 ^A	9.81 ^b	24.99 ^A	3.31 ^a	7.99 ^A	($P<0.001$)	35.71 ^a	60.07 ^B	12.85 ^b	34.11 ^A	7.00 ^a
E	25.77 ^a	56.03 ^A	11.01 ^{ab}	23.70 ^A	2.97 ^a	6.20 ^A	($P<0.001$)	33.34 ^a	76.05 ^{AB}	16.69 ^{ab}	33.91 ^A	6.30 ^{ab}
F	22.09 ^a	52.49 ^A	11.65 ^{ab}	18.85 ^A	3.19 ^a	5.70 ^A	($P<0.001$)	28.40 ^a	70.18 ^{AB}	15.55 ^{ab}	30.51 ^A	5.65 ^{ab}
	($P=0.222$)	($P=0.345$)	($P=0.222$)	($P=0.510$)	($P=0.923$)	($P=0.439$)		($P=0.729$)	($P=0.159$)	($P=0.200$)	($P=0.777$)	($P=0.514$)
Relative value of F_v/F_m [%]												
A	99.04 ^{ab}	98.27 ^{AB}	88.68 ^a	90.62 ^A	72.23 ^a	68.68 ^{AB}	($P<0.001$)	99.93 ^a	98.74 ^A	91.25 ^a	96.57 ^A	88.85 ^{ab}
B	96.19 ^b	93.03 ^B	74.75 ^a	84.41 ^A	69.31 ^a	58.77 ^{BC}	($P<0.001$)	99.08 ^a	98.18 ^A	95.82 ^a	96.03 ^A	92.88 ^a
C	99.44 ^{ab}	95.97 ^{AB}	85.85 ^a	89.55 ^A	82.60 ^a	73.43 ^{AB}	($P<0.001$)	102.39 ^a	101.02 ^A	96.82 ^a	97.92 ^A	93.13 ^a
D	102.93 ^a	93.59 ^B	85.16 ^a	87.00 ^A	75.54 ^a	80.17 ^A	($P<0.001$)	98.94 ^a	100.07 ^A	93.46 ^a	96.96 ^A	94.13 ^a
E	94.75 ^b	94.44 ^{AB}	88.69 ^a	90.23 ^A	75.64 ^a	45.65 ^C	($P<0.001$)	99.45 ^a	98.30 ^A	98.31 ^a	97.10 ^A	82.53 ^c
F	99.87 ^{ab}	100.76 ^A	77.31 ^a	91.43 ^A	69.30 ^a	45.41 ^C	($P<0.01$)	99.22 ^a	98.33 ^A	96.41 ^a	98.85 ^A	85.07 ^{bc}
	($P=0.058$)	($P=0.114$)	($P=0.221$)	($P=0.457$)	($P=0.250$)	($P<0.01$)		($P=0.296$)	($P=0.353$)	($P=0.303$)	($P=0.530$)	($P<0.01$)
Relative value of MDA [%]												
A	112.45 ^a	107.53 ^A	157.18 ^a	125.49 ^A	186.72 ^{ab}	160.72 ^A	($P<0.01$)	103.36 ^a	100.85 ^A	139.28 ^a	106.44 ^A	159.50 ^a
B	112.30 ^a	108.00 ^A	175.79 ^a	141.40 ^A	226.20 ^a	181.79 ^A	($P<0.01$)	105.93 ^a	103.52 ^A	138.83 ^a	114.55 ^A	181.56 ^a
C	114.11 ^a	109.96 ^A	148.79 ^a	118.94 ^A	169.36 ^b	149.04 ^A	($P<0.05$)	102.76 ^a	101.58 ^A	122.10 ^a	102.11 ^A	142.70 ^a
D	110.32 ^a	108.67 ^A	158.27 ^a	124.18 ^A	186.76 ^{ab}	170.23 ^A	($P<0.01$)	104.46 ^a	102.76 ^A	130.70 ^a	108.37 ^A	153.68 ^a
E	112.34 ^a	111.62 ^A	156.90 ^a	125.51 ^A	189.82 ^{ab}	194.76 ^A	($P<0.01$)	103.57 ^a	101.39 ^A	135.45 ^a	112.24 ^A	155.07 ^a
F	112.68 ^a	110.99 ^A	162.21 ^a	123.63 ^A	193.75 ^{ab}	186.01 ^A	($P<0.01$)	102.33 ^a	101.47 ^A	136.41 ^a	110.06 ^A	156.35 ^a

	(P=0.999)	(P=0.999)	(P=0.910)	(P=0.866)	(P=0.242)	(P=0.276)	(P=1.000)	(P=1.000)	(P=0.751)	(P=0.969)	(P=0.412)	(P=0.707)
Relative value of soluble proteins [%]												
A	43.97 ^a	46.45 ^A	34.34 ^a	38.03 ^A	23.74 ^a	21.14 ^b	45.56 ^a	49.94 ^{BC}	37.79 ^{ab}	41.56 ^{AB}	30.81 ^a	33.87 ^A
B	45.35 ^a	49.95 ^A	35.60 ^a	38.52 ^A	22.26 ^a	19.82 ^b	46.55 ^a	53.94 ^{ABC}	37.36 ^{ab}	41.39 ^{AB}	27.95 ^a	27.26 ^{AB}
C	50.51 ^a	56.53 ^A	38.09 ^a	42.17 ^A	23.30 ^a	27.76 ^a	52.42 ^a	59.10 ^A	42.58 ^a	47.90 ^A	27.89 ^a	32.35 ^A
D	48.60 ^a	53.01 ^A	33.41 ^a	37.85 ^A	21.38 ^a	24.91 ^{ab}	49.32 ^a	55.15 ^{AB}	35.86 ^{ab}	41.92 ^{AB}	24.32 ^a	27.30 ^{AB}
E	45.46 ^a	49.73 ^A	33.05 ^a	36.67 ^A	22.58 ^a	21.24 ^b	47.52 ^a	51.01 ^{BC}	34.04 ^b	39.19 ^{AB}	24.26 ^a	23.11 ^B
F	42.77 ^a	46.15 ^A	30.04 ^a	38.11 ^A	21.75 ^a	19.64 ^b	43.61 ^a	47.18 ^C	32.46 ^b	36.40 ^B	25.97 ^a	23.33 ^B
	(P=0.808)	(P=0.454)	(P=0.497)	(P=0.776)	(P=0.965)	(P<0.05)	(P=0.432)	(P<0.05)	(P=0.114)	(P=0.162)	(P=0.301)	(P<0.05)
Relative value of soluble sugars [%]												
A	240.88 ^a	104.37 ^A	298.46 ^a	142.69 ^{AB}	404.05 ^a	252.59 ^A	175.59 ^a	102.19 ^A	216.18 ^a	142.89 ^{AB}	285.77 ^a	200.70 ^A
B	251.87 ^a	104.43 ^A	310.40 ^a	122.92 ^C	391.52 ^a	249.74 ^A	170.82 ^a	105.98 ^A	212.11 ^a	109.54 ^B	299.48 ^a	207.02 ^A
C	233.49 ^{ab}	120.54 ^A	277.06 ^{ab}	131.30 ^{BC}	331.83 ^{ab}	210.75 ^A	166.81 ^a	107.36 ^A	201.54 ^a	126.85 ^{AB}	269.17 ^a	186.34 ^A
D	185.05 ^{bc}	112.96 ^A	246.83 ^b	120.21 ^C	326.29 ^{ab}	225.90 ^A	164.53 ^a	114.19 ^A	210.97 ^a	114.44 ^{AB}	270.37 ^a	210.40 ^A
E	170.67 ^c	104.97 ^A	233.56 ^b	158.93 ^{AB}	299.90 ^b	222.45 ^A	172.31 ^a	108.88 ^A	225.54 ^a	153.97 ^A	287.50 ^a	214.34 ^A
F	206.79 ^{abc}	116.18 ^A	275.10 ^{ab}	170.68 ^A	352.37 ^{ab}	256.50 ^A	170.12 ^a	114.09 ^A	226.58 ^a	142.75 ^{AB}	299.23 ^a	218.45 ^A
	(P<0.05)	(P=0.720)	(P<0.05)	(P<0.05)	(P=0.075)	(P=0.277)	(P=0.999)	(P=0.986)	(P=0.971)	(P=0.146)	(P=0.936)	(P=0.922)

